EE Initial Notification Summary Information

Submitting Agency: South Coast Air Quality Management District

Agency Contact: Scott Epstein, Program Supervisor, Air Quality Assessment, sepstein@aqmd.gov

Date Submitted:

Applicable NAAQS: 2006 PM_{2.5} 24-Hour Standard

Affected Regulatory Decision¹: Attainment Designation for 2006 PM_{2.5} 24-Hour Standard (for classification decisions, specify level of the classification with/without EE concurrence)

Area Name/Designation Status: South Coast Air Basin/Nonattainment

Design Value Period (list three year period): 2017-2019

(where there are multiple relevant design value periods, summarize separately)

A) Information specific to each flagged site day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of	AQ	Site AQS ID	Site Name	Exceedance	Notes (e.g. event name, links to other events)
	Event (high	S			Concentrati	
	wind,	Fla			on (with	
	volcano, wildfires/pres	g			units)	
	cribed fire,					
	other²)					
1/1/2017	other -	RH	060371302/POC 1	Compton	53.4	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1, 2017
7/4/2017	other -	RH	060590007/POC 1	Anaheim	45.4	Independence Day Firework Exceptional Event Demonstration:
	firework				μg/m³	July 4-5, 2017
7/4/2017	other -	RH	060710027/POC 1	Ontario-Route 60 Near	39.2	Independence Day Firework Exceptional Event Demonstration:
	firework			Road	μg/m³	July 4-5, 2017
7/4/2017	other -	RH	060371103/POC 1	Los Angeles-North Main	54.9	Independence Day Firework Exceptional Event Demonstration:
	firework			Street	μg/m³	July 4-5, 2017
7/5/2017	other -	RH	060710027/POC 1	Ontario-Route 60 Near	67.8	Independence Day Firework Exceptional Event Demonstration:
	firework			Road	μg/m³	July 4-5, 2017
7/5/2017	other -	RH	060658005/POC 1	Mira Loma (Van Buren)	59.7	Independence Day Firework Exceptional Event Demonstration:
	firework				μg/m³	July 4-5, 2017
7/5/2017	other -	RH	060658001/POC 1	Rubidoux	41.5	Independence Day Firework Exceptional Event Demonstration:
	firework				μg/m³	July 4-5, 2017
12/6/2017	wildfires	RT	060371302/POC 1	Compton	35.6	Thomas Fire Exceptional Event Demonstration Dec. 6-8, 2017
					μg/m³	

12/6/2017	wildfires	RT	060374008/POC 1	Long Beach-Route 710	35.6	Thomas Fire Exceptional Event Demonstration Dec. 6-8, 2017
12,0,201,	Wildines	'``	000374000/1001	Near Road	μg/m³	momas the exceptional event bemonstration bee. 6 6, 2017
12/24/2017	wildfires	IT	060374008/POC 1	Long Beach-Route 710	42.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
11/11/11/11		''		Near Road	μg/m³	2017
12/24/2017	wildfires	IT	060371302/POC 1	Compton	66.7	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
			,	1	μg/m³	2017
12/24/2017	wildfires	IT	060658005/POC 1	Mira Loma (Van Buren)	39.8	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					$\mu g/m^3$	2017
12/25/2017	wildfires	IT	060590007/POC 1	Anaheim	42.7	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/25/2017	wildfires	IT	060710027/POC 1	Ontario-Route 60 Near	44.4	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Road	$\mu g/m^3$	2017
12/25/2017	wildfires	IT	060374008/POC 1	Long Beach-Route 710	85.4	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Near Road	μg/m³	2017
12/25/2017	wildfires	IT	060371103/POC 1	Los Angeles-North Main	46.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Street	μg/m³	2017
12/25/2017	wildfires	IT	060658005/POC 1	Mira Loma (Van Buren)	62.2	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/25/2017	wildfires	IT	060374002/POC 1	Long Beach (North)	55.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/25/2017	wildfires	IT	060658001/POC 1	Rubidoux	50.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/25/2017	wildfires	IT	060374004/POC 1	Long Beach (South)	56.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/26/2017	wildfires	IT	060590007/POC 1	Anaheim	52.7	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
		<u> </u>			μg/m³	2017
12/26/2017	wildfires	IT	060710027/POC 1	Ontario-Route 60 Near	40.4	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
		+		Road	μg/m³	2017
12/26/2017	wildfires	IT	060374008/POC 1	Long Beach-Route 710	58.5	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
40/00/0047	11.16	+	0.00050005/0.004	Near Road	μg/m ³	2017
12/26/2017	wildfires	IT	060658005/POC 1	Mira Loma (Van Buren)	49.7	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
42/25/2017	.1.10:	ļ	060374003/0664		μg/m ³	2017
12/26/2017	wildfires	IT	060374002/POC 1	Long Beach (North)	51.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
42/26/224=	.1. 10:	ļ	000050001/2001	D 1 1 1	μg/m ³	2017
12/26/2017	wildfires	IT	060658001/POC 1	Rubidoux	43.1	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017

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12/26/2017	wildfires	IT	060374004/POC 1	Long Beach (South)	50.9 μg/m³	Thomas Fire Exceptional Event Demonstration Dec. 24-31, 2017
12/27/2017	wildfires	IT	060590007/POC 1	Anaheim	53.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
12/2//201/	wildines	"	060390007/POC1	Allaliellii		2017
12/27/2017	: - £:	1	000374000/0001	L D b - D t - 710	μg/m³	
12/27/2017	wildfires	IT	060374008/POC 1	Long Beach-Route 710	55.6	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Near Road	μg/m³	2017
12/27/2017	wildfires	IT	060371103/POC 1	Los Angeles-North Main	37.0	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Street	μg/m³	2017
12/27/2017	wildfires	IT	060371302/POC 1	Compton	57.6	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					$\mu g/m^3$	2017
12/27/2017	wildfires	IT	060658005/POC 1	Mira Loma (Van Buren)	39.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					$\mu g/m^3$	2017
12/27/2017	wildfires	IT	060374002/POC 1	Long Beach (North)	54.7	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
, ,			,		$\mu g/m^3$	2017
12/27/2017	wildfires	IT	060371602/POC 1	Pico Rivera #2	49.5	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
12,2.,201,	Wildin Co	''	00007100271001	, led livera liz	μg/m³	2017
12/27/2017	wildfires	IT	060374004/POC 1	Long Beach (South)	51.5	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
12/2//2017	Wildines	' '	000374004/FOC1	Long Beach (South)	μg/m³	2017
12/20/2017	wildfires	IT.	060590007/POC 1	Anaheim		
12/28/2017	wildfires	IT	060390007/POC 1	Ananeim	44.2	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
		<u> </u>			μg/m³	2017
12/28/2017	wildfires	IT	060374008/POC 1	Long Beach-Route 710	36.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Near Road	μg/m³	2017
12/30/2017	wildfires	IT	060371302/POC 1	Compton	41.3	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					μg/m³	2017
12/31/2017	wildfires	IT	060590007/POC 1	Anaheim	41.4	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					$\mu g/m^3$	2017
12/31/2017	wildfires	IT	060710027/POC 1	Ontario-Route 60 Near	35.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Road	$\mu g/m^3$	2017
12/31/2017	wildfires	İIT	060374008/POC 1	Long Beach-Route 710	50.0	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
				Near Road	μg/m³	2017
12/31/2017	wildfires	IT	060371103/POC 1	Los Angeles-North Main	49.2	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
12/31/201/	AAIIGIII CO	' '	0003/1103/1001	Street	μg/m ³	2017
12/21/2017	,,,; ,d£:	IT.	060658005/POC 1			
12/31/2017	wildfires	IT	0000080005/POC 1	Mira Loma (Van Buren)	48.8	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
		<u> </u>			μg/m³	2017
12/31/2017	wildfires	IT	060374002/POC 1	Long Beach (North)	42.5	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
					$\mu g/m^3$	2017

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12/31/2017	wildfires	IT	060658001/POC 1	Rubidoux	38.9 μg/m³	Thomas Fire Exceptional Event Demonstration Dec. 24-31, 2017
12/31/2017	wildfires	IT	060374004/POC 1	Long Beach (South)	45.9	Thomas Fire Exceptional Event Demonstration Dec. 24-31,
		``		20118 200011 (000011)	μg/m³	2017
1/1/2018	other -	RH	060590007/POC 1	Anaheim	51.8	New Year's Day Firework Exceptional Event Demonstration:
_, _,	firework		,		μg/m³	Jan. 1-2, 2018
1/1/2018	other -	RH	060710027/POC 1	Ontario-Route 60 Near	60.4	New Year's Day Firework Exceptional Event Demonstration:
	firework		,	Road	$\mu g/m^3$	Jan. 1-2, 2018
1/1/2018	other -	RH	060374008/POC 1	Long Beach-Route 710	103.8	New Year's Day Firework Exceptional Event Demonstration:
	firework		,	Near Road	μg/m³	Jan. 1-2, 2018
1/1/2018	other -	RH	060371103/POC 1	Los Angeles-North Main	61.4	New Year's Day Firework Exceptional Event Demonstration:
	firework		·	Street	$\mu g/m^3$	Jan. 1-2, 2018
1/1/2018	other -	RH	060658005/POC 1	Mira Loma (Van Buren)	86.0	New Year's Day Firework Exceptional Event Demonstration:
	firework			, , ,	$\mu g/m^3$	Jan. 1-2, 2018
1/1/2018	other -	RH	060374002/POC 1	Long Beach (North)	79.6	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1-2, 2018
1/1/2018	other -	RH	060658001/POC 1	Rubidoux	66.3	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1-2, 2018
1/1/2018	other -	RH	060374004/POC 1	Long Beach (South)	77.3	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1-2, 2018
1/2/2018	other -	IH	060590007/POC 1	Anaheim	63.1	New Year's Day Firework Exceptional Event Demonstration:
	firework				$\mu g/m^3$	Jan. 1-2, 2018
1/2/2018	other -	IH	060370002/POC 1	Azusa	41.8	New Year's Day Firework Exceptional Event Demonstration:
	firework				$\mu g/m^3$	Jan. 1-2, 2018
1/2/2018	other -	IH	060710027/POC 1	Ontario-Route 60 Near	47.6	New Year's Day Firework Exceptional Event Demonstration:
	firework			Road	$\mu g/m^3$	Jan. 1-2, 2018
1/2/2018	other -	IH	060374008/POC 1	Long Beach-Route 710	47.8	New Year's Day Firework Exceptional Event Demonstration:
	firework			Near Road	$\mu g/m^3$	Jan. 1-2, 2018
1/2/2018	other -	IH	060371103/POC 1	Los Angeles-North Main	42.3	New Year's Day Firework Exceptional Event Demonstration:
	firework			Street	μg/m³	Jan. 1-2, 2018
1/2/2018	other -	IH	060371302/POC 1	Compton	49.4	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1-2, 2018
1/2/2018	other -	IH	060658005/POC 1	Mira Loma (Van Buren)	44.9	New Year's Day Firework Exceptional Event Demonstration:
	firework				μg/m³	Jan. 1-2, 2018
1/2/2018	other -	IH	060592002/POC 1	Mission Viejo	38.9	New Year's Day Firework Exceptional Event Demonstration:
	firework				$\mu g/m^3$	Jan. 1-2, 2018

1/2/2010	- 41	1	000374003/0001	Lana Danala (Namba)		N
1/2/2018	other - firework	IH	060374002/POC 1	Long Beach (North)	44.6 μg/m³	New Year's Day Firework Exceptional Event Demonstration: Jan. 1-2, 2018
1/2/2018	other -	IH	060371602/POC 1	Pico Rivera #2	μg/111 56.3	New Year's Day Firework Exceptional Event Demonstration:
1/2/2018		IH	060371602/POC1	Pico Rivera #2		
1/2/2010	firework	11.1	000074004/0004	L D - /C + - \	μg/m ³	Jan. 1-2, 2018
1/2/2018	other -	IH	060374004/POC 1	Long Beach (South)	44.4	New Year's Day Firework Exceptional Event Demonstration:
7/4/2040	firework	DU	000500007/0004		μg/m³	Jan. 1-2, 2018
7/4/2018	other -	RH	060590007/POC 1	Anaheim	36.8	Independence Day Firework Exceptional Event Demonstration:
7/4/2040	firework	5	0.00074.000/0.0004	Di Di Wa	μg/m ³	July 4-5, 2018
7/4/2018	other -	RH	060371602/POC 21	Pico Rivera #2	42.4	Independence Day Firework Exceptional Event Demonstration:
	firework		,		μg/m³	July 4-5, 2018
7/5/2018	other -	RH	060590007/POC 1	Anaheim	39.2	Independence Day Firework Exceptional Event Demonstration:
	firework				μg/m³	July 4-5, 2018
7/5/2018	other -	RH	060710027/POC 1	Ontario-Route 60 Near	55.7	Independence Day Firework Exceptional Event Demonstration:
	firework			Road	μg/m³	July 4-5, 2018
11/10/2018	wildfires	RT	060371201/POC 1	Reseda	38.9	Woolsey Fire Exceptional Event Demonstration Nov. 10-11,
					μg/m³	2018
11/11/2018	wildfires	RT	060371103/POC 1	Los Angeles-North Main	39.6	Woolsey Fire Exceptional Event Demonstration Nov. 10-11,
				Street	μg/m³	2018
11/11/2018	wildfires	RT	060374008/POC 1	Long Beach-Route 710	35.9	Woolsey Fire Exceptional Event Demonstration Nov. 10-11,
				Near Road	μg/m³	2019
11/18/2018	wildfires	RT	060374004/POC 1	Long Beach (South)	38.3	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2018
					μg/m³	
11/18/2018	wildfires	RT	060374002/POC 1	Long Beach (North)	37.2	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2019
					$\mu g/m^3$	
11/18/2018	wildfires	RT	060374008/POC 1	Long Beach-Route 710	38.5	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2020
				Near Road	$\mu g/m^3$	
11/19/2018	wildfires	RT	060374004/POC 1	Long Beach (South)	39.5	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2018
					$\mu g/m^3$	
11/19/2018	wildfires	RT	060374002/POC 1	Long Beach (North)	44.6	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2019
					$\mu g/m^3$	
11/19/2018	wildfires	RT	060374008/POC 1	Long Beach-Route 710	47.4	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2020
			,	Near Road	μg/m³	
11/19/2018	wildfires	RT	060371302/POC 1	Compton	43.0	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2021
-, , 				1	μg/m³	, , , , , , , , , , , , , , , , , , , ,
11/20/2018	wildfires	RT	060374008/POC 1	Long Beach-Route 710	36.1	Camp Fire Exceptional Event Demonstration Nov. 18-19, 2022
				Near Road	μg/m³	
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B) Violating Sites Information

(listing of all violating sites³ in the planning area, regardless of operating agency, and regardless of whether or not they are affected by EEs)

Site (AQS ID)	2017 98 th	2017 98 th	2018 98 th	2018 98 th	Maximum 2019 98 th	Maximum 2019 98 th
5,66 (7,665,15)	percentile value	percentile value	percentile value	percentile value	percentile value to	percentile value to
	(without EPA	(with EPA	(without EPA	(with EPA	attain (without EPA	attain (with EPA
	concurrence on all	concurrence on	concurrence on	concurrence on	concurrence on all	concurrence on all
	events listed in	all events listed in	all events listed	all events listed	events listed in	events listed in
	table A above)	table A above)	in table A above)	in table A above)	table A above)	table A above)
Azusa	21.2 μg/m ³	21.2 μg/m³	30.2 μg/m ³	26.7 μg/m ³	54.8 μg/m³	58.3 μg/m³
(060370002)						
Los Angeles-	30.9 μg/m ³	25.7 μg/m ³	34.1 μg/m ³	30.5 μg/m ³	41.2 μg/m ³	50.0 μg/m ³
North Main Street	, 5	, 0	, 0	, 0		, •
(060371103)						
Reseda	20.7 μg/m ³	20.7 μg/m ³	23.8 μg/m ³	22.6 μg/m ³	61.7 μg/m ³	62.9 μg/m ³
(060371201)		10	1 0/	10	10	10
Compton	53.4 μg/m³	24.1 μg/m ³	34.8 μg/m ³	31.0 μg/m ³	18.0 μg/m³	51.1 μg/m³
(060371302)	, , , , , , , , , , , , , , , , , , ,		- III Por III	Date Por		
Pico Rivera #2	29.5 μg/m ³	26.9 μg/m ³	35.4 μg/m ³	28.1 μg/m ³	41.3 μg/m³	51.2 μg/m ³
(060371602)	2313 48,111	20.5 20,111	σοι τ μο,	2012 [46/111	1210 20,111	0 112 pg/ 111
Long Beach	32.3 μg/m³	25.3 μg/m³	33.0 μg/m ³	29.8 μg/m ³	40.9 μg/m³	51.1 μg/m³
(North)	32.3 μ ₈ /111	23.3 μ _θ /,	33.0 μg/111	25.0 μ _θ / 111	10.5 μ _θ /111	στιτ με/ ι ι ι
(060374002)						
Long Beach	31.1 μg/m ³	26.3 μg/m ³	33.5 μg/m ³	27.7 μg/m ³	41.6 μg/m ³	52.2 μg/m ³
(South)	31.1 μg/III	20.5 μg/111	33.3 μg/III	27.7 μg/111	41.0 μg/111	32.2 μg/111
(060374004)						
Long Beach-Route	35.6 μg/m ³	26.5μg/m ³	36.1 μg/m ³	28.2 μg/m ³	34.5 μg/m ³	51.5 μg/m³
710 Near Road	33.0 μg/III	20.5μg/111	30.1 μg/III	20.2 μg/III	54.5 μg/III	31.3 μg/III
(060374008)	20.1/3	25 4 / 3	22.1/3	20.0/3	26.0/3	F1.0/3
Anaheim	38.1 μg/m³	25.4 μg/m³	32.1 μg/m ³	28.9 μg/m³	36.0 μg/m³	51.9 μg/m³
(060590007)	45.0 / 3	45.0 / 3	202 / 3	10.5 / 3	70.0 / 2	727 / 2
Mission Viejo	15.0 μg/m³	15.0 μg/m³	20.3 μg/m ³	18.5 μg/m³	70.9 μg/m³	72.7 μg/m³
(060592002)	/ 3	/ 3		/ 2		
Rubidoux	$30.7 \mu g/m^3$	28.7 μg/m³	28.2 μg/m³	26.3 μg/m³	47.3 μg/m³	51.2 μg/m³
(060658001)						

Mira Loma (Van	39.9 μg/m³	32.1 μg/m³	34.2 μg/m ³	31.7 μg/m³	32.1 μg/m³	42.4 μg/m³
Buren)						
(060658005)						
Ontario-Route 60	36.9 μg/m³	26.8 μg/m³	32.7 μg/m ³	29.9 μg/m³	36.6 μg/m³	49.5 μg/m³
Near Road						
(060710027)						

¹ designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

C) Summary of Maximum Design Value (DV) Site Information (Effect of EPA Concurrence on Maximum Design Value Site Determination)

(Two highest values from Table B)

(1.1.5.1.8.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			
2017 Maximum 98 th percentile value site (AQS ID) <u>without</u> EPA	98 th Percentile Value	Basin Maximum Site	Comment
concurrence on any of the events listed in table A above	53.4 μg/m³	Compton (060371302)	
2017 Maximum 98 th percentile value site (AQS ID) with EPA	98 th Percentile Value	Basin Maximum Site	Comment
concurrence on all events listed in table A above	$32.1 \mu g/m^3$	Mira Loma (Van Buren) (060658005)	
2018 Maximum 98 th percentile value site (AQS ID) without EPA	98 th Percentile Value	Basin Maximum Site	Comment
concurrence on any of the events listed in table A above	36.1 μg/m³	Long Beach-Route 710 Near Road	
		(060374008)	
2018 Maximum 98 th percentile value site (AQS ID) <u>with</u> EPA	98 th Percentile Value	Basin Maximum Site	Comment
concurrence on all events listed in table A above	31.7 μg/m³	Mira Loma (Van Buren) (060658005)	
			Comment

D) List of any sites (AQS ID) within planning area with invalid design values (e.g. due to data incompleteness)

² Provide additional information for types of event described as "other"

³ Note if violating monitor is a near-road monitor